APPENDIX C

Detailed Comparison of Features

System supports flexible configuration and access options. (p-3, 12-15) Open standards supported for hardware, software and firmware components and standardized medical codes, definitions and formats are supported. (p-3, 15-18) (p-8, 10-12) (p-17, 22 through p-18, 24) Provides information integral to management of entire health-care value chain. (p-3, 19-23) (p-8, 13-28) System is extensible to provide securit access to social security, annulty and retirement account and benefit information device. (p-61, 11-4) Allows secure access to heath care, social security, retirement account and benefit information device. (p-61, 11-4) Provides centralized record collection linking local records to those stored remotely. (p-9, 25) 4-11) (p-18, 26 through p-19, 25) Data integrity checking on all database fields during update process. Data elements un through edit routines defined within the central detaid actionary to ensure data values are within correct ranges. Invalid entries result in error messages. (p-4, 1-2) (p-8, 6-9) Centralized oscurity management covers all database X Erel Executive All (p-9, 9, 9, 15-18) X Explored Security management of confliction and covers all database fields during update process. Data elements un through edit routines defined within the central detaid actionary to ensure data security management covers all database. X Centralized oscurity management covers all database. X						parameters through platform services. (p-47, 6 through
Solution Cummings Pitroda Entel X X X X X X X X X X X X X					×	Centralized security management covers all database
X X X X X X X X X X X X X						endpoints. (p-5, 8-14) (p-9, 6-9)
Johnson Cummings Pitroda Entel X X X X X X X X X X X X X						redistribute information generated at all access
X X X X X X X X X X X X X	\$				×	Centralized host used to maintain, consolidate and
Johnson Cummings Pitroda Ertel X X X X X X X X X X X X X						error messages. (p-47, 6-23)
Johnson Cummings Pitroda Ertel X X X X X X X X X X X X X						values are within correct ranges. Invalid entries result in
Solution Cummings Pitroda Ertel X X X X X X X X X X X X X						defined within the central data dictionary to ensure data
X X X X X X X X X X X X X					-	update process. Data elements run through edit routines
X X X X X X X X X X X X X					×	Data integrity checking on all database fields during
X X X X X X X X X X X X X						4-11) (p-18, 26 through p-19, 25)
X X X X X X X X X X X X X						records to those stored remotely. (p-3, 29- p-4, 12) (p-9,
X X X X X X X X X X X X X					×	Provides centralized record collection linking local
X X X X X X X X X X X X X						19-27) (p-8, 24 through p-9, 2)
X X X X X X X X X X X X X		-				annuity, retirement account and benefit information. (p-3,
X X X X X X X X X X X X X					×	Allows secure access to heath care, social security,
X X X X X X X X X X X X X						information device. (p-61, 11-14)
X X X X X X X X X X X X X				-		benefit and payment status using a single individual
X X X X X X X X X X X X X						information, providing a unified view of an individual's
X X X X X X X X X X X X X						security, annuity and retirement account and benefit
Johnson Cummings Pitroda Ertel X X X X X X X					×	System is extensible to provide secure access to social
X Cummings Pitroda Ertel X X X					•	health-care value chain. (p-3, 19-23) (p-8, 13-28)
X Cummings Pitroda Ertel X X					×	Provides information integral to management of entire
Johnson Cummings Pitroda Ertel X X						10-12) (p-17, 22 through p-18, 24)
Johnson Cummings Pitroda Ertel X X			·			definitions and formats are supported. (p-3, 15-18) (p-8,
General Features Johnson Cummings Pitroda Ertel ible configuration and access X corted for hardware, software and X			٠			firmware components and standardized medical codes,
General Features Johnson Cummings Pitroda Ertel ible configuration and access X			*		×	Open standards supported for hardware, software and
Johnson Cummings Pitroda Ertel X						options. (p-3, 12-15)
Johnson Cummings Pitroda Ertel					×	System supports flexible configuration and access
	Edelson/ Mayaud	Ertel	Pitroda	Cummings	Johnson	General Features

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					online decline message. Manual review procedures for exceptions, appeals and questions follows. (p-28, 23-
			×	×	Authorization decline (due to plan parameters) transmits
į			not designed.		record created with approval codes and payment amounts. (p-28, 4-27)
:		•	claimed but		amounts calculated for multiple payers. Authorization
			Authorization	×	Automated authorization of benefits. Multiple payment
				X	requested for service recipient. (p-28, 2-4)
			note tile.		
			file". Just a		plan/benefit database. (p-27, 19-30)
			"Physicians	×	Update for service provider database, as linked to
			access		
			entry or		
			limited. No		sponsor database. (p-27, 21-30)
			"Insured file"	×	Update for subscriber database, as linked to plan
					""O''''auo''. (P-z-, z-1-00)
				>	opeate for planteeness database with plan sponsor
				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Care plaits. (p-0, 21-24) (p-20, 30- p.21, 110)
	٠			×	System provides marketing and enrollment support for
					providers. (p-21, 20-24)
					the automated notifications and on-line identification of
					distributing directories of caregiver information through
				×	Reduce or eliminate the costs of publishing and
				>	(p-26, 25-28)
				<	Automated patification of changes to all affected parties
-				>	simplification (n-26, 23-28)
				×	Effective date capabilities on plan changes. (p-26, 23-28)
			method.		
			usage		payment and reimbursement information. (p-zo, 10-z1)
			entry or		service providers and plan components in sed with
			Limited. No	×	Plan information includes procedures, pharmaceuticals,
					options. (p-20, 28- p-21, 12)
Edelson/ Mayaud	Ertel	Pitroda	Cummings	Johnson	

General Features	Johnson	Cummings	Pitroda	Ertel	Edelson/ Mayaud
27)					
Automated referral processing for in-plan providers,	×	Referral			
geographic or affiliation search or for specific targeted		claimed but			
referral. (p-29, 11-19)		not designed.			
Authorization approval for referral generated and sent to	×				
provider from host. (p-29, 16-19)					
Appointment request can be automatically generated and	×	Request			
transmitted. (p-29, 17-19)		through			
		phone call.			
Transmittal of invoices from service provider to insurer	×				
and electronic funds transfer to service provider account.					
(p-29, 21- p-30, 19)					
Target payment account information processing and	×	Claims			
payment history record generation. Includes exception		insurance	•		
handling message construction and routing. (p-29, 27- p-		linked to			
30, 19)		bank. No			
		design.			
Access and processing of data for analysis purposes. (p-	×				
30, 25- p-31, 25)					
Reporting and statistical information for service provider	×				
monitoring. (p-30, 23-29)					
Service data analysis for benefit calculations.	×				
Organizational summaries can be generated for use in	×				
developing practice guidelines. (p-30, 27- p-31, 3)					
Cost and outcomes of care information for analysis. (p-	×				
Access to full service recipient care information for	×				
adjudication of claims and for coverage decisions. (p-31, -5-25)			-		
Data query capability for user-selected parameters.	×	-			
Query as one-time or ongoing. (p-31, 16-25)					
Security rules built into database query process. (p-31, 17-25)	×				
Health//Benefit/PlantSponsor/features	Johnson	Gummings	Pitroda	Erite)	LEGelson/Imayaug

General Features	Johnson	Cummings	Pitroda	Ertel	Edelson/ Mayaud
Open enrollment processes allow user to make changes to sponsored benefit plans (through access to central host). (p-32, 2-21)	×				
User can make changes to benefit information including	×				
auxiliary reimbursement accounts, insurance, annuity, retirement or workman's compensation in plan/benefit database. (p-32, 7-11)					
User can make changes to plan participation records via subscriber/medical history database. (p-32, 7-11)	×				
Production and distribution of new or replacement	×				-
individual information devices can be requested or devices can be deactivated. (p-32, 13-21)					
System provides marketing and enrollment support for care plans. (p-6, 21-24)	×				
Users can search for appropriate plans within the plan/benefit database. (p-32, 23-28)	×				
Users can compare plans and communicate with insurer to apply for plan inclusion. (p-32, 24- p-33, 17)	×				
When medical insurer adds or changes plans, automatic notification is sent to benefit provider. (p-32, 26-28)	×				
Exception item processing and dispute resolution features. (p-32, 30- p-33, 5)	×				
The plan sponsor can copy records involved in the exception or dispute from the subscriber/medical history	×				
database into a message for involved parties and can include additional local text. (p-33, 2-11)					
The user can construct data queries of information stored in the subscriber/medical history and provider/service history databases. (p-33, 19- p-34, 3)	×				5
Data query results used for management of medical care reimbursement accounts, workers' compensation or other auxiliary plans, to respond to service audits, information	×				

				×	Customized GUI formats can be configured to follow the standards for different specialties. (p-18, 1-7)
į	(DRG) analysis in submitting claims for payment				
	diagnosis related groups				and episodes of care and other treatment information. (p-16, 3-21)
	Care record is only for			×	User can display default or customized patient care record including identification, emergency information
	-	records on card only.			stored on ICC and full records from subscriber/ medical history datastore. (p-38, 25-28)
		Can review		×	User can review patient health care history records
Edelson/ Mayaud	Errel	Pitroda	Cummings	Johnson	Medical Service Provider features
					information in the construction of messages to other service participants. (p-38, 4-18)
					medications and other treatment options and can use the
				×	User can query the AI medications/ procedures datastore to access health care information, review procedures.
					accounts or general health care information records. (p-37, 29- p-38,2)
es					IRS accounting, listing for health care reimbursement
				×	User can access health care information and use formatting option to construct printed reports, including
					service participants within the system. (p-36, 15-23)
					plans and their options, coverage, service providers and with result, construct messages and requests to other
				×	User can use comparison form on computer to compare
					services coverage. (p-36, 9-23)
					approved procedures, pharmaceuticals, providers,
	,			>	enrollment or for ongoing review of plan parameters on
				<	lieer can access health plan information for once
					cnanges, questions, options or appointment requests to other service participants within the system. (p-35, 24- p-37, 21)
Edelson/ Mayaud	Ertel	Pitroda	Cummings	Johnson	General Features

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ekeja. Sam bedēison//Māyāuda			mail, but never defines use.		/ information on service provider gulatory agencies to perform 6, 4) ble to support product alth, utilization and quality review, ice review, education, and e research. (p-50, 9-15) provided for research, education provided array of agencies
TEXELS TEXELSON/Mayeurd			mail, but never defines use.		y information on service provider gulatory agencies to perform 6, 4) ble to support product alth, utilization and quality review, ce review, education, and e research. (p-50, 9-15)
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TEGEISON/Mayeud			mail, but never defines use		/ information on service provider gulatory agencies to perform 6, 4)
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		_			etc. with other participating entities. (p-49, 1-30)
:			optional e-		transmission to support issues, questions, exceptions,
			Calls for	×	Communication features allow record attachment and
				×	Automated billing of un-reimbured services. (p-48, 19-20)
					updates. (p-48, 16-49, 30)
				×	Manual, adjustment, and automatic payment record
				×	Preparation of periodic accounting reports. (p-48, 16-19)
			,	>	submissions and EFT payments, insurance claims submissions and EFT payments. (p-48, 23-29)
	-			(agencies. (p-47, 25- p-48, 10)
	_			×	Centralized expert data update limited to authorized
				,	updates. (p-47, 6 p-48, 10)
				×	Security parameters controlled at host for all record
records	load re		•		(p-46, 25- p-48, 10)
Checking for	Che			×	Data integrity checking performed on all update fields.
				×	User can review plan parameters to define care optimization. (p-46, 18-23)
Ertel Edelson/ Mayaud		Pitroda	Cummings	Johnson	General Features

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